

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7272	(scan\$4 or read\$4 or detect\$3 or captur\$4) same(book\$4 or document\$4 or paper\$3) same(foreground\$3 or background\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:49
L2	2571	1 same(word\$3 or character\$3 or graphic\$4 or lin\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:50
L3	873	2 same(compar\$4 or correlat\$4 or match\$3 or similar\$4 or contrast\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:50
L4	172	3 same(grey\$4 or gray\$4 or binar\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:51
L5	46	4 same(neighor\$6 or surround\$4 or adjacent\$4 or near\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 16:02
L6	11093	(scan\$4 or read\$4 or detect\$3 or captur\$4) same(book\$4 or document\$4 or paper\$3) same(lin\$3 near10 imag\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:49
L7	11093	6 same(word\$3 or character\$3 or graphic\$4 or lin\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:50
L8	1971	7 same(compar\$4 or correlat\$4 or match\$3 or similar\$4 or contrast\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:50
L9	200	8 same(grey\$4 or gray\$4 or binar\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:51
L10	24	9 same(neighor\$6 or surround\$4 or adjacent\$4 or near\$4)	US-PGPUB; USPAT	OR	ON	2006/06/06 15:51
L11	1	"5701500".PN.	USPAT; USOCR	OR	ON	2006/06/06 15:55
L12	1	"5680479".PN.	USPAT; USOCR	OR	ON	2006/06/06 15:56
L13	1	"5613016".PN.	USPAT; USOCR	OR	ON	2006/06/06 15:56
L14	1	"5555362".PN.	USPAT; USOCR	OR	ON	2006/06/06 15:56
L15	1	"6097852".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:02
L16	1	"6075623".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:02
L17	1	"6046828".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:02

## EAST Search History

L18	1	"6014229".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:02
L19	1	"6005683".PN	USPAT; USOCR	OR	ON	2006/06/06 16:02
L20	1	"5963767".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:02
L21	1	"6286054".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:03
L22	1	"6163816".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:03
L23	1	"5764866".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:04
L24	1	"6674900".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:04
L25	1	"5974199".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:04
L26	1	"5701500".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:13
L27	1	"5680479".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:14
L28	1	"6097852".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:54
L29	1	"6169816".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:55
L30	1	"6225815".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:55
L31	1	"6122398".PN.	USPAT; USOCR	OR	ON	2006/06/06 16:55

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

**1. Restoring Warped Document Images through 3D Shape Modeling**

Chew Lim Tan; Li Zhang; Zheng Zhang; Tao Xia;  
Pattern Analysis and Machine Intelligence, IEEE Transactions on  
Volume 28, Issue 2, Feb. 2006 Page(s):195 - 208  
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**2. On-line sensing of paper machine wet-end properties: dry-line detector**

Kjaer, A.P.; Wellstead, P.E.; Heath, W.P.;  
Control Systems Technology, IEEE Transactions on  
Volume 5, Issue 6, Nov. 1997 Page(s):571 - 585  
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**3. A parallel-line detection algorithm based on HMM decoding**

Yefeng Zheng; Huiping Li; Doermann, D.;  
Pattern Analysis and Machine Intelligence, IEEE Transactions on  
Volume 27, Issue 5, May 2005 Page(s):777 - 792  
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**4. A graphical environment for change detection in structured documents**

Chang, G.J.S.; Patel, G.; Relihan, L.; Wang, J.T.L.;  
Computer Software and Applications Conference, 1997. COMPSAC '97. Proceedings., The Twenty-First Annual  
International  
13-15 Aug. 1997 Page(s):536 - 541  
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**5. Edge-Difference Coding--A New, Efficient Redundancy Reduction Technique for Facsimile Signals**

Yamada, T.;  
Communications, IEEE Transactions on [legacy, pre - 1988]  
Volume 27, Issue 8, Aug 1979 Page(s):1210 - 1217  
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**6. Performance comparison of two text marking methods**

Low, S.H.; Maxemchuk, N.F.;  
Selected Areas in Communications, IEEE Journal on  
Volume 16, Issue 4, May 1998 Page(s):561 - 572  
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**7. Show-through cancellation in scans of duplex printed documents**

Sharma, G.;  
Image Processing, IEEE Transactions on  
Volume 10, Issue 5, May 2001 Page(s):736 - 754  
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**8. 3D geometric and optical modeling of warped document images from scanners**

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Computer Vision and Pattern Recognition, 2005. CVPR 2005. IEEE Computer Society Conference on  
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9. Coordinate systems reconstruction for graphical documents by Hough-feature clustering and geometric analysis  
Yanping, Z.; Lim, T.C.;  
Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on Volume 1, 23-26 Aug. 2004 Page(s):376 - 379 Vol.1  
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10. A structured graphical tool for analyzing boundary scan violations  
Cogswell, M.; Mardhani, S.; Melocco, K.; Arora, H.;  
Test Conference, 2002. Proceedings. International 7-10 Oct. 2002 Page(s):755 - 762  
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11. DjVu: analyzing and compressing scanned documents for Internet distribution  
Haffner, P.; Bottou, L.; Howard, P.G.; LeCun, Y.;  
Document Analysis and Recognition, 1999. ICDAR '99. Proceedings of the Fifth International Conference on 20-22 Sept. 1999 Page(s):625 - 628  
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12. An adaptive PMU based fault detection/location technique for transmission lines. II. PMU implementation and performance evaluation  
Joe-Air Jiang; Ying-Hong Lin; Jun-Zhe Yang; Tong-Ming Too; Chih-Wen Liu;  
Power Delivery, IEEE Transactions on Volume 15, Issue 4, Oct. 2000 Page(s):1136 - 1146  
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13. Text enhancement for laser copiers  
Ancin, H.; Bhattacharjya, A.K.;  
Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on Volume 3, 24-28 Oct. 1999 Page(s):494 - 498 vol.3  
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14. Adaptive document image thresholding using foreground and background clustering  
Savakis, A.E.;  
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15. The visual development of documents  
Martin, M.;  
Professional Communication Conference, 1988. IPCC '88 Conference Record. 'On the Edge: A Pacific Rim Conference on Professional Technical Communication', International 5-7 Oct. 1988 Page(s):7 - 10  
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16. Paper based document security-a review  
van Renesse, R.L.;  
Security and Detection, 1997. ECOS 97., European Conference on 28-30 April 1997 Page(s):75 - 80  
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17. How to Improve technical reading skills  
Lindquist, D.W.;  
Potentials, IEEE Volume 24, Issue 3, Aug.-Sept. 2005 Page(s):14 - 15  
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18. **Data processing techniques for the detection and interpretation of telesismic signals**  
Archambeau, C.B.; Bradford, J.C.; Broome, P.W.; Dean, W.C.; Flinn, E.A.; Sax, R.L.;  
Proceedings of the IEEE  
Volume 53, Issue 12, Dec. 1965 Page(s):1860 - 1861  
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19. **On the use of autocorrelation analysis for pitch detection**  
Rabiner, L.;  
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Volume 25, Issue 1, Feb 1977 Page(s):24 - 33  
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20. **Investigation of Si-Fe transformer sheets by scanning electron acoustic microscopy (SEAM)**  
Balk, L.; Davies, D.; Kultscher, N.;  
Magnetics, IEEE Transactions on  
Volume 20, Issue 5, Sep 1984 Page(s):1466 - 1468  
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21. **Comments on "Error in Impedance Measurement When the Signal Is Introduced Across the Slotted-Line Probe" (Letters)**  
Garver, R.V.; Barbero, J.;  
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Volume 23, Issue 6, Jun 1975 Page(s):536 - 537  
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22. **Skew angle detection of digitized Indian script documents**  
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23. **Document identification for copyright protection using centroid detection**  
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24. **A moment-based blind method for identification of FIR down-link DS-CDMA channels**  
Choi, J.;  
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Volume 48, Issue 4, April 2000 Page(s):966 - 981  
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25. **Detection of nonlinear distortions with multisine excitations In the case of nonideal behavior of the input signal**  
Vanhoenacker, K.; Schoukens, J.;  
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Volume 52, Issue 3, June 2003 Page(s):748 - 753  
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